

REMARKS

The Examiner is thanked for carefully reviewing the present application. The present amendment is in response to the Office Action mailed on June 3, 2005 regarding claims 1-7. The applicants have thoroughly reviewed the outstanding Office Action including the Examiner's remarks and the references cited therein. The following remarks are believed to be fully responsive to the Office Action and render all claims at issue patentably distinguishable over cited references.

Favorable reconsideration is requested in view of the following remarks.

Claim 1 is amended, new claims 8 and 9 are added, and thereof claims 1-9 are now pending in the application. These amendments contain no new matter nor raise new issues.

Claim Rejections under 35 U.S.C. §103

1. Claims 1-4 are rejected under 35 U.S.C.103(a) as being unpatentable over Horng (6,362,551) (hereinafter referred to as "Horng") in view of Corbach et al. (4,155,021) (hereinafter referred to as "Corbach et al."). These rejections are respectfully traversed. As will be fully explained below, it is respectfully submitted that the combination of Horng and Corbach et al. does not render the claimed invention obvious, and the applicants respectfully request that the section 103(a) rejection be withdrawn.

With regard to claim 1, the applicants disclose a motor rotor, comprising: a magnetic yoke having a ring shape and an inner surface; and a rubber magnet in the form of a strip having two ends, the strip being defined into a ring shape where the two ends of the rubber magnet are aligned with one another, and the ring shape of the rubber magnet being configured to fit within the inner surface of the magnetic yoke, and a first surface of the rubber magnet facing the inner surface of the magnetic yoke, the first surface having at least one first pattern for increasing a flexibility of the rubber magnet, the at least one first pattern enabling the two ends of the strip that defines the rubber magnet to join so as to define the ring shape of the rubber magnet. In the claimed invention, the outer surface of the rubber magnet is formed with at least one pattern, so that the flexibility of the rubber magnet significantly improved, and the rotational balance can be increased.

In the present application, the principal objective of the formation of the at least one pattern is to decrease the first surface area, so as to increase the flexibility of the rubber magnet, and to further make the joint in the bent rubber magnet smoother to prevent fluttering and high frequency noises, such as described in paragraphs. 0005-0007 and 0024, and FIGs. 4A and 4B.

As the description of the Examiner, Horng fails to show the metal yoke being the magnetic yoke and the first surface of the rubber magnet having at least one first pattern, the at least one first pattern enabling the two ends of the strip that defines the rubber magnet to join so as to define the ring shape of the rubber magnet. The first surface of the rubber magnet having at least one first pattern is part of the technique features of the present application. Obviously, Horng fails to teach or disclose the techniques of the present application. Furthermore, in the Corbach et al., the

principal objective of the setting of the projections 7 and 17 is to make the surface contact between the segmental signets and the yoke be only a point-contact or a line-contact, so a multitude of equal-height projections are needed to form in the outer surface 6 of the magnet 3, such as described in col. 1, lines 56-59, col. 3, lines 7-23 and lines 64-68 and col. 4, lines 1-4. In addition, in the Corbach et al., the projections 7 and 17 are set to increase the effective surface area of the outer surface 6 of the magnet 3, so as to increase the connection area of the magnet 3 and the cement layer 8 to further improve the holding action of the cement layer 8, such as described in col. 2, lines 1-4. However, in the claimed invention, since the pattern is set to decrease the surface area to increase the flexibility of the rubber magnet, the objective can be achieved by just setting one pattern. Besides, in the claimed application, even through the surface area of the rubber magnet is set with a plurality of patterns, the patterns are unnecessary all of identical height for achieving the objective of decreasing the surface area. Apparently, the technique features and the objectives disclosed by Corbach et al. are different from those of the claimed application.

Therefore, Horng does not teach or disclose subject matter of Claim 1 of the present application, and Corbach et al. do not disclose the technique features and the objectives of the claimed invention, either. Furthermore, Corbach et al. cannot cure the insufficiency of Horng. It is obvious that the technology features of the present application are non-obvious, and Claim 1 is allowable.

Since the independent claim 1 is allowable, dependent claims 2-4 each of which depends from independent claim 1 are likewise believed to be allowable. Accordingly, the applicants respectfully request that the section 103(a) rejections be withdrawn.

2. Claim 5 is rejected under 35 U.S.C.103(a) as being unpatentable over Horng (6,362,551) (hereinafter referred to as "Horng") in view of Corbach et al. (4,155,021) (hereinafter referred to as "Corbach et al.") and further in view of Couture et al. (5,753,991) (hereinafter referred to as "Couture et al."). These rejections are respectfully traversed. As will be fully explained below, it is respectfully submitted that the combination of Horng, Corbach et al. and Couture et al. does not render the claimed invention obvious, and the applicants respectfully request that the section 103(a) rejection be withdrawn.

Just as the aforementioned description, since the independent claim 1 is allowable, dependent claim 5 which depends from independent claim 1 is likewise believed to be allowable. Accordingly, the applicants respectfully request that the section 103(a) rejections be withdrawn.

II .Claim Objections

Examiner noted that: claims 6 and 7 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Just as the aforementioned description, since the independent claim 1 is allowable, dependent claims 6 and 7 each of which depends from independent claim 1 are likewise believed to be allowable. Accordingly, the applicants respectfully request that the objections be withdrawn.

II .New Claim 8 and 9

1. A new independent claim 8 recites substantially identical limitations cited in claims 1, 5 and 6. Examiner noted that: claim 6 would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claim 1 is the base claim of claim 6, and claim 5 is the intervening claim of claim 6, so claim 8, which is the combination of the claims 1, 5 and 6, is allowable.

2. A new independent claim 9 recites substantially identical limitations cited in claims 1, 5 and 7. Examiner noted that: claim 7 would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claim 1 is the base claim of claim 7, and claim 5 is the intervening claim of claim 7, so claim 9, which is the combination of the claims 1, 5 and 7, is allowable.

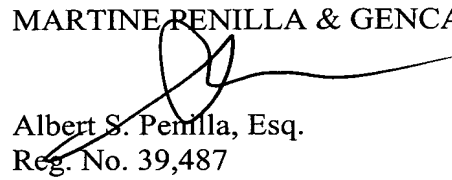
Conclusion

In light of the above remarks, Applicants respectfully submit that Claims 1-9 as currently presented are in condition for allowance and hereby requests reconsideration. Applicants respectfully request the Examiner to pass the case to issue at the earliest convenience.

If the Examiner has any questions concerning the present amendment, the Examiner is kindly requested to contact the undersigned at (408) 774-6903. If any other fees are due in connection with filing this amendment, the Commissioner is also

authorized to charge Deposit Account No. 50-0805 (Order No JLINP160/TLC). A duplicate copy of the transmittal is enclosed for this purpose.

Respectfully submitted,
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